

FIGURE 1

Applicant: Sophie Lehar et al.
 Title: NOVEL TH2-SPECIFIC MOLECULES AND USES THEREOF
 Attorney/Agent: Kerri Pollard Schray
 Docket No.: MP11998-067CP2CN1A(M)
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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|-----|----|------|-----|----|------|------|-----|-----|------|------|-----|----|----|----|-----|----|----|----|----|----|----|-------|--------|
| 1 | MGR | AWGL | LVG | .. | LLGV | VW | .. | LLRL | GHGE | ER | .. | RP | TAQR | CF | QV | .. | SG | YDD | CT | CD | VE | ID | KF | NN | m1022 | |
| 1 | MGR | GW | FL | FG | .. | LLG | AV | W | .. | LL | SS | GHGE | Q | .. | P | .. | SG | YDD | CT | CD | VE | ID | KF | NN | h1022 | |
| 1 | N | LK | MRL | LI | V | VP | Q | .. | LLR | AEL | DGV | FF | GM | YIS | AN | SG | AG | SY | VR | TK | KG | NA | L | KE | GF | X60951 |
| 59 | YR | .. | LF | PR | Q | LES | DY | FR | YK | VN | LK | PC | PF | W | .. | ND | IN | OC | RR | DC | AV | KP | CH | SD | m1022 | |
| 59 | YR | .. | LF | PR | Q | LES | DY | FR | YK | VN | LK | PC | PF | W | .. | ND | IN | OC | RR | DC | AV | KP | CH | SD | h1022 | |
| 70 | N | TE | GI | T | GL | L | NN | IT | SH | P | .. | RY | W | AE | AS | CT | C | D | SG | I | P | ET | L | K | .. | X60951 |
| 125 | NR | .. | IE | CE | Q | AE | RL | GA | VD | SE | ET | Q | KA | VL | QW | TK | HD | SD | S | F | CE | ID | .. | .. | .. | m1022 |
| 125 | N | NL | IE | CE | Q | AE | RL | GA | VD | SE | ET | Q | KA | VL | QW | TK | HD | SD | S | F | CE | ID | .. | .. | .. | h1022 |
| 134 | .. | MS | D | V | S | A | V | ER | RT | AP | D | K | H | A | K | G | F | E | D | E | I | .. | .. | .. | .. | X60951 |
| 181 | LL | N | P | E | R | Y | T | G | Y | K | G | P | D | A | W | R | I | W | S | V | I | E | N | C | F | m1022 |
| 195 | LL | N | P | E | R | Y | T | G | Y | K | G | P | D | A | W | R | I | W | S | V | I | E | N | C | F | h1022 |
| 173 | L | Q | N | P | E | A | N | T | G | Y | S | G | P | K | A | R | V | Q | A | V | Y | D | .. | .. | .. | X60951 |
| 248 | SG | L | H | A | S | I | N | V | I | L | S | A | R | Y | L | L | Q | D | .. | .. | .. | .. | .. | .. | .. | m1022 |
| 265 | SG | L | H | A | S | I | N | V | I | L | S | A | R | Y | L | L | Q | D | .. | .. | .. | .. | .. | .. | .. | h1022 |
| 224 | SG | L | H | T | S | I | T | M | H | V | A | A | F | F | Y | N | D | T | K | G | D | S | P | L | R | X60951 |
| 309 | R | A | S | K | V | L | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | m1022 | |
| 326 | R | A | S | K | V | L | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | h1022 | |
| 290 | R | A | V | A | K | T | K | R | A | F | L | A | N | S | S | L | Y | N | S | G | .. | .. | .. | .. | .. | X60951 |
| 375 | RL | H | F | R | N | I | S | R | I | M | D | C | V | G | C | F | K | R | L | W | G | K | L | Q | T | m1022 |
| 392 | RL | H | F | R | N | I | S | R | I | M | D | C | V | G | C | F | K | R | L | W | G | K | L | Q | T | h1022 |
| 358 | K | R | V | V | H | N | V | T | L | M | D | C | V | T | C | E | K | R | A | W | G | K | L | E | T | X60951 |
| 445 | R | .. | IST | S | V | R | E | L | E | N | F | R | H | L | L | Q | N | V | H | .. | .. | .. | .. | .. | .. | m1022 |
| 462 | R | .. | IST | S | V | R | E | L | E | N | F | R | H | L | L | Q | N | V | H | .. | .. | .. | .. | .. | .. | h1022 |
| 417 | R | Q | L | A | I | S | V | K | N | R | S | L | A | A | V | C | E | K | F | N | Y | T | A | M | S | X60951 |

Decoration #1: Shade (with solid black) residues that match m1022 exactly.

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[illegible]

FIGURE 3

| | | | | | |
|-----|--|---|--|--|------------------|
| 1 | | MAFL | ----- | MKKKKFKFQTTFTLEELTAVPFFVNGVLFCCKVRLLDGGDFV | m1419 |
| 1 | | MAFL | ----- | MKKKKFKFQTTFTLEELTAVPFFVNGVLFCCKVRLLDGGDFV | h1419 |
| 1 | | MNF | ISAKLVFPWLWNKMAFI | KRETVKF SVDLQVCQ LSDVP L VN ATV F G KMRRLDGG SFE | U58728 (1326268) |
| 45 | | SLSREEVQENCVRWRKRFTFVCKMSANPATGLLDPC | I FRVSVRKELKGGKAYSKLGF | T D | m1419 |
| 45 | | SLSREEVQENCVRWRKRFTFVCKMSANPATGLLDPCVFRVSVRKELKGGKAYSKLGFAD | KGGK SY Y KLGF V D | | h1419 |
| 61 | | EATE RVEEQ | ----- | | U58728 (1326268) |
| 105 | | LNLAEFAGSG | -- | STVRCCLLEGYDTKNTRQDNSILKVITIGMFLSSGDPCEFCTPPSTAKSI | m1419 |
| 105 | | LNLAEFAGSG | -- | STVRCCLLEGYDTKNTRQDNSILKVITIGMFLSSGDPCEFCTPPSTAKSI | h1419 |
| 83 | | INLSEYAA SG | VEGIS RTY LL NGY - TS N Q RL DNS KVCIKVA M THQ SI AD P F FR VP P ----- | | U58728 (1326268) |
| 163 | | SIPGQDSSLQLTCKGGGTSSGGSS | S TNSLTGSRPPK TRPTIL GSGLPEEPDQ S LSSPEEV | | m1419 |
| 163 | | SIPGQDSSLQLTCKGGGTSSGGSS | . TNSLTGSRPPKARPTILSSGLPEEPDQNLSPEEV | | h1419 |
| 135 | | ----- | R L STFG ----- | P R Q DGAIDQDG | U58728 (1326268) |
| 223 | | FHSGHSRNSSYASQQSK | L SGYSTEHRSRSSLSDLTHRRNTSTSSASGGL | S MA VEGPEG M | m1419 |
| 222 | | FHSGHSRNSSYASQQSKISGYSTEHSRSSLSDLTHRRNTSTSSASGGLGMTVEGPEG | H PKL SNVDV L ESSAA S NS -----Q | V DE P VVE | h1419 |
| 152 | | FRADET D SEEGT-----SS | | | U58728 (1326268) |
| 283 | | EREHR PSEKPPR | PPEKPPRPRLHLSDRSFRKKKDSVESHTWVDDTRIDAD | D IVEKI M | m1419 |
| 282 | | EREHR | PPEKPPRPRLHLSDRSFRKKKDSVESHTWVDDTRIDADAVEKIV | | h1419 |
| 194 | | RRVIHP | PQH P TCQ L ---- RRF SQDRSAQK----IQHS | R F DAD NVID KI I | U58728 (1326268) |
| 343 | | - QSQDFTDGSNTEDSNLR | -- FVSRDGS T TLSGIQL GN RVSSGVYEPVVIESH | | m1419 |
| 335 | | - OSQDFTDGSNTEDSNLR | -- FVSRDGSATLSGIOLATRVS SGVYEPVVIESH | | h1419 |
| 235 | | AECRISE DEVESNSGG | L V L EK FLDKH GKPLVNPR Q PVK RTS --- Y VA E HFN-DA | | U58728 (1326268) |

Decoration 'Decoration #1': Shade (with solid black) residues that match h1419 exactly.

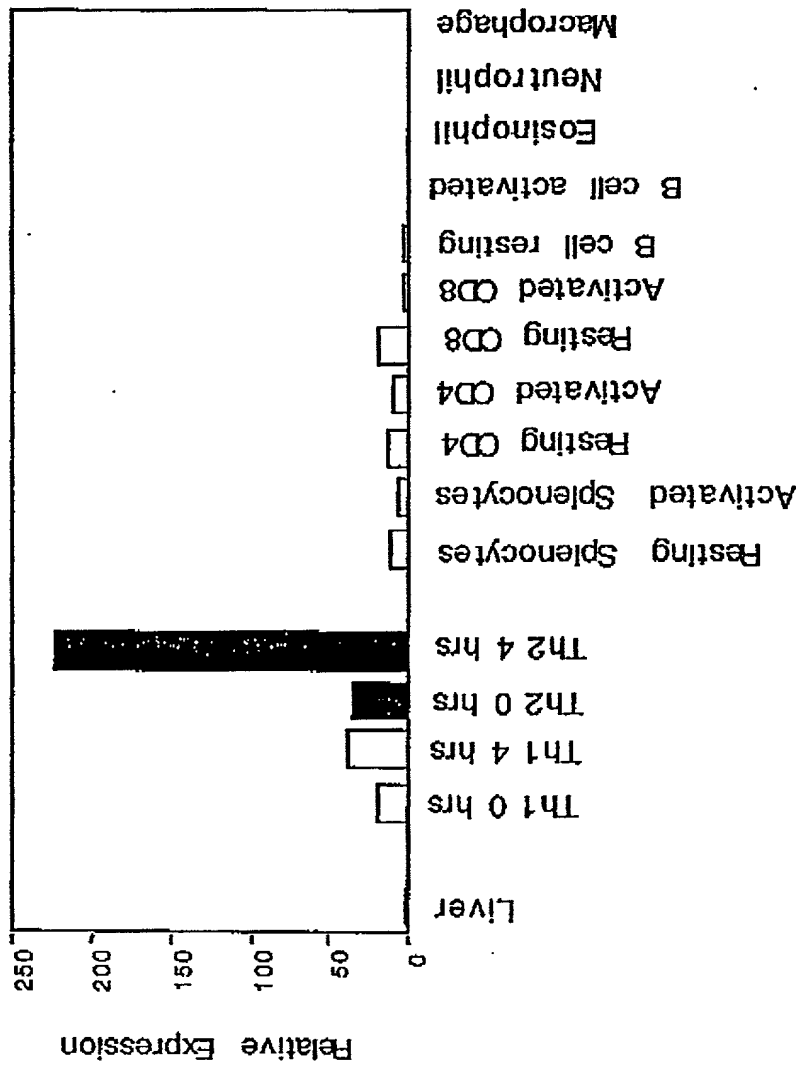


FIGURE 4

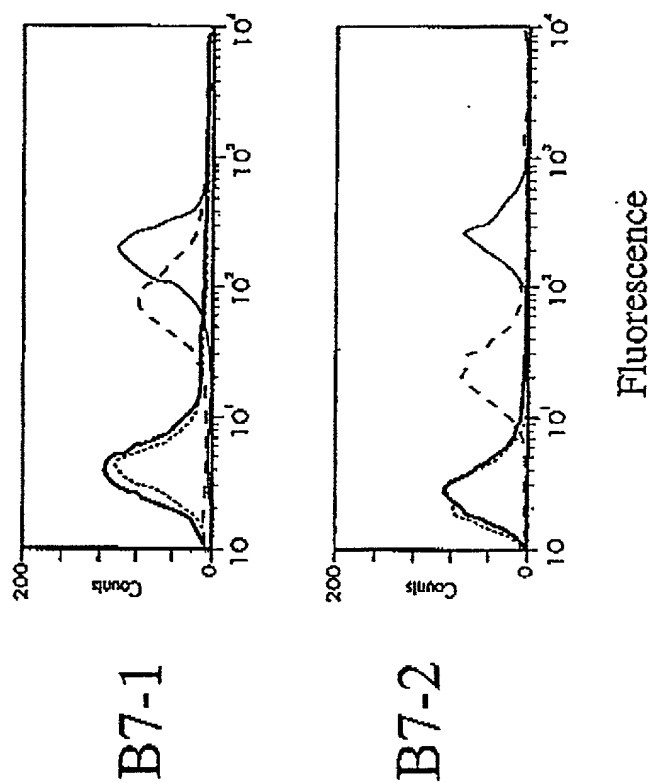


FIGURE 5

FOOT " 3458550

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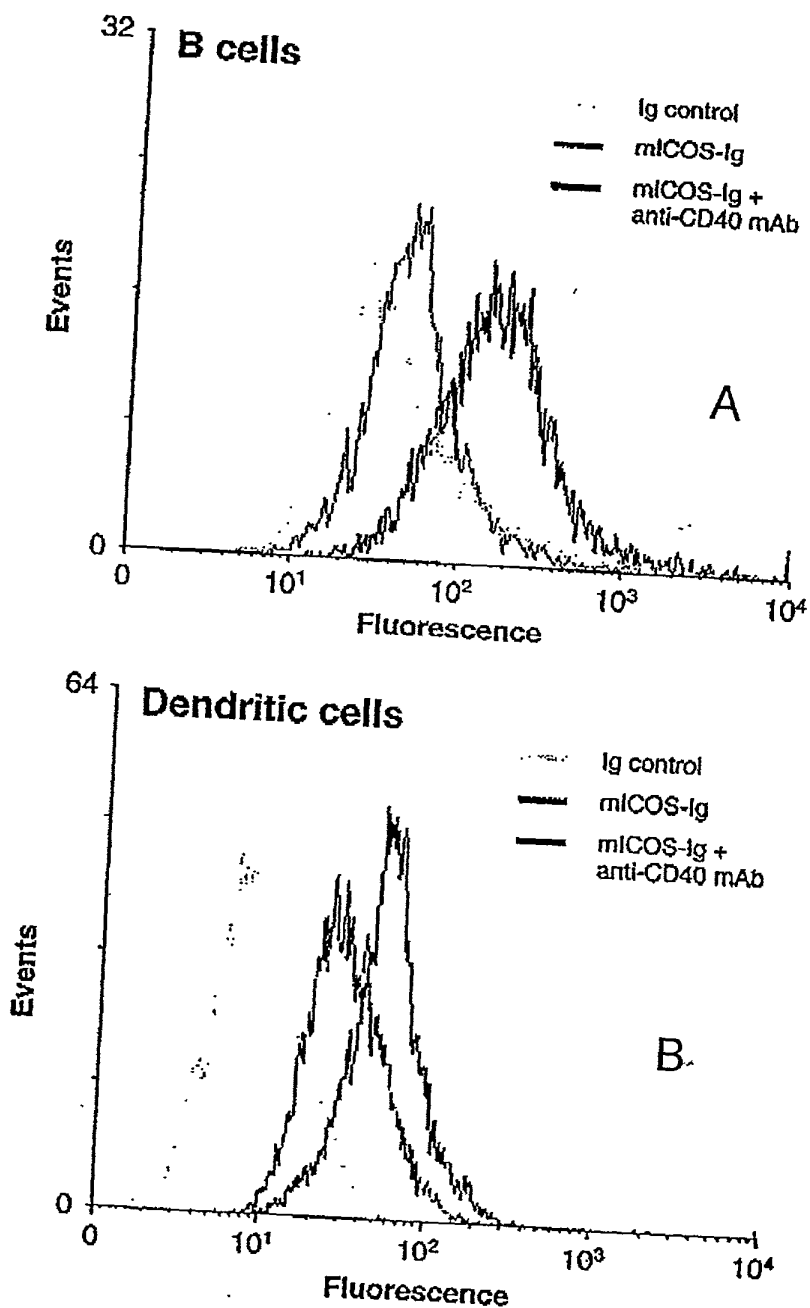
Title: NOVEL TH2-SPECIFIC MOLECULES AND USES THEREOF

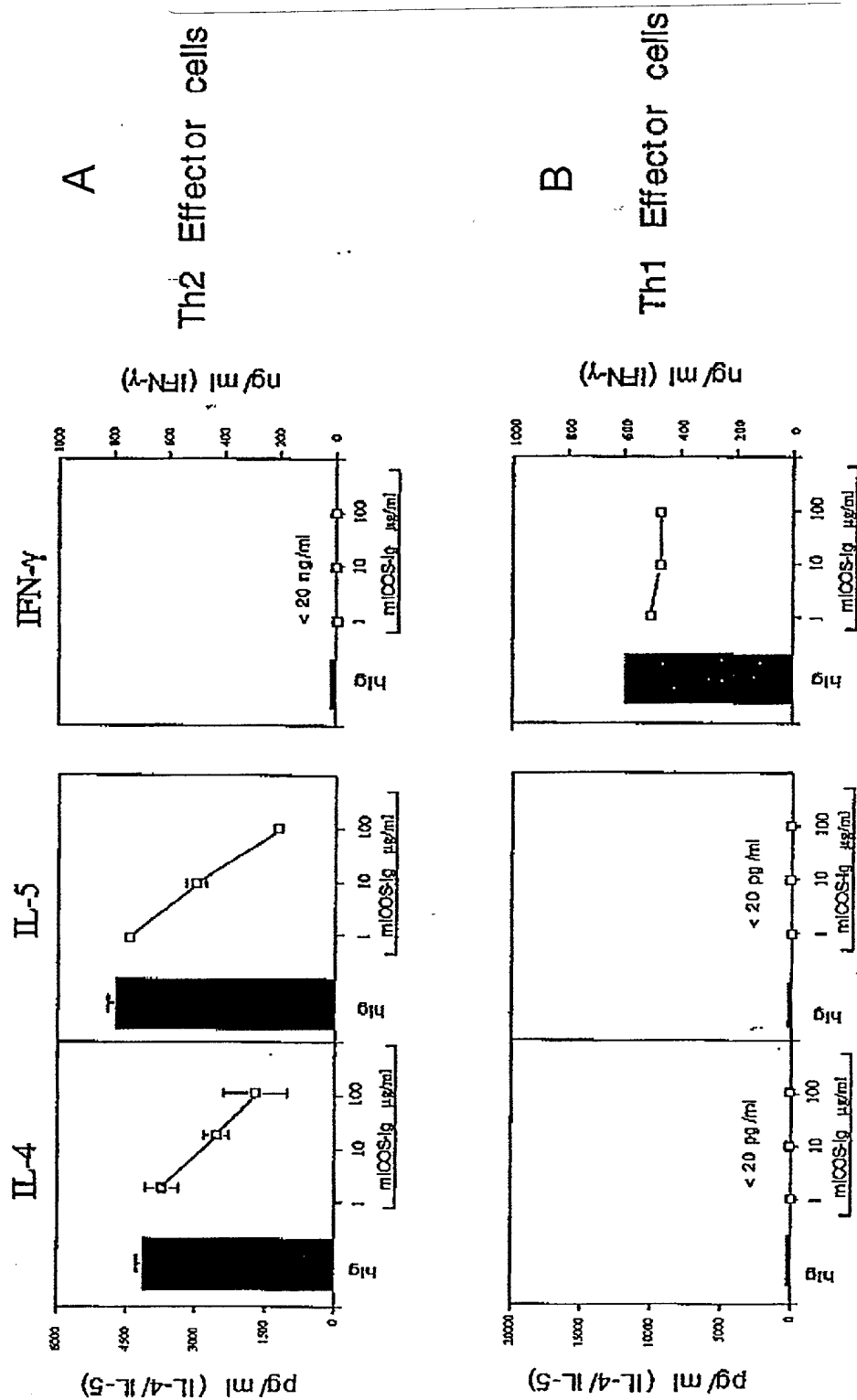
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FIGURE 6





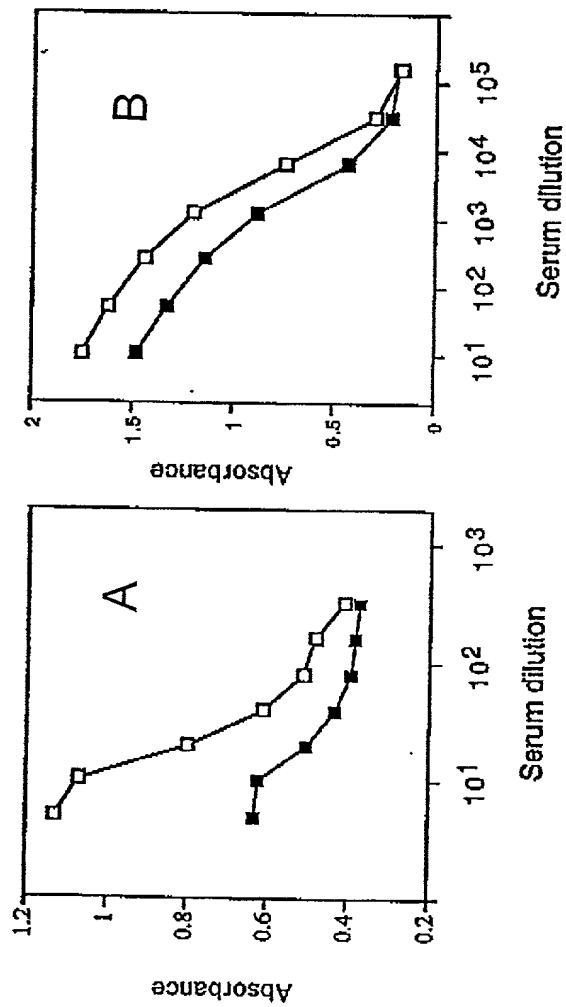
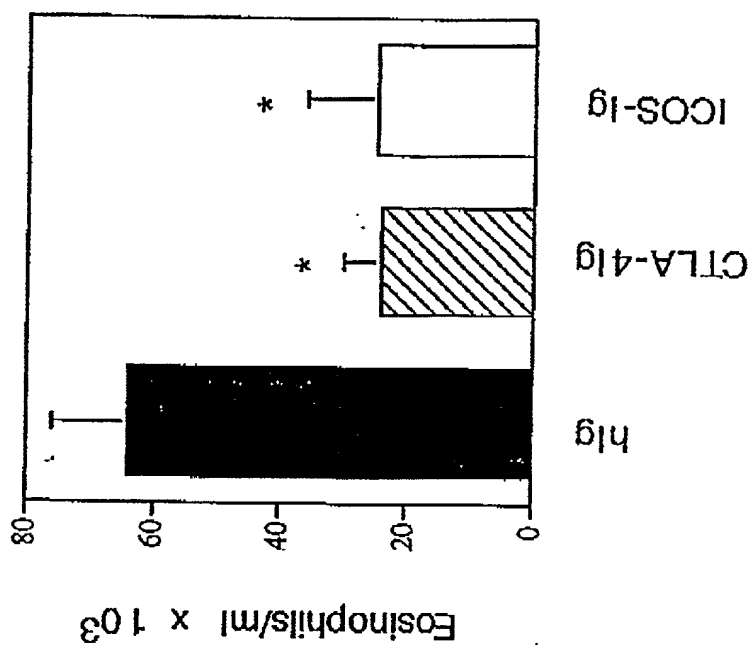


FIGURE 8

FIGURE 9



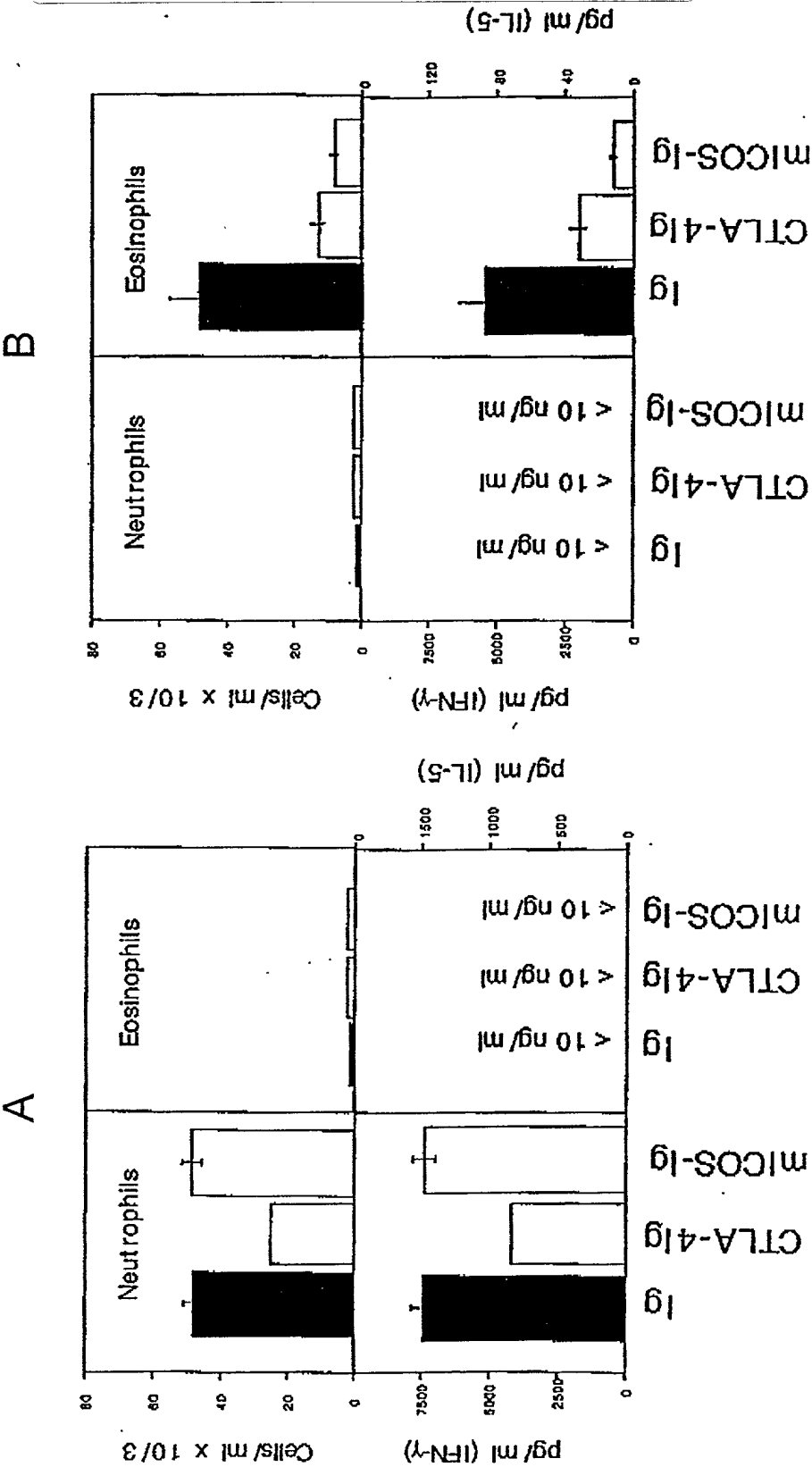


FIGURE 10

